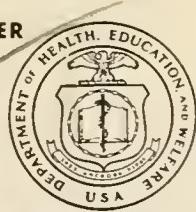


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NATIONAL COMMUNICABLE DISEASE CENTER



Vol. 18, No. 30

Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
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WEEKLY
REPORT
For
Week Ending
July 26, 1969

EPIDEMIOLOGIC NOTES AND REPORTS
CASE OF PRESUMPTIVE PLAGUE – New Mexico

A case of presumptive plague has been reported in a 20-year-old woman in Placitas, New Mexico. She was a member of the same hippie colony as a confirmed case occurring there on June 15, 1969 (MMWR, Vol. 18, Nos. 25 and 26). The woman was hospitalized on June 3, 1969, with chills, fever, malaise, diarrhea, and an axillary mass; she responded to antibiotic treatment and was discharged on June 11 without a diagnosis of plague. Plague was retrospectively diagnosed during a serologic survey of colony members following the confirmed case on June 15. The woman had a positive agglutination titer suggestive of plague; however, no tissue was then available for diagnostic confirmation. This woman as well as the other 22 members of the colony had direct contact with the confirmed case and with a cat belonging to the colony that

CONTENTS

Epidemiologic Notes and Reports	
Case of Presumptive Plague – New Mexico	261
International Notes	
Dengue Follow-Up – Puerto Rico	262
Plague – 1968	262
Quarantine Measures	268

frequently brought dead rodents into the tent compound. The cat had an agglutination titer of 1:256 to plague. (Reported by Bruce Storrs, M.D., Director, Division of Medical Services, Eva Walken, M.D., District Health Officer, District 11, and Pratel Johnson, Ph.D., The Public Health Laboratory, New Mexico Department of Health; and the Ecological Investigations Program, NCDC, Kansas City, Kansas, and Fort Collins, Colorado.)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
 (Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	30th WEEK ENDED		MEDIAN 1964 - 1968	CUMULATIVE, FIRST 30 WEEKS		
	July 26, 1969	July 27, 1968		1969	1968	MEDIAN 1964 - 1968
Aseptic meningitis	86	118	68	1,104	1,258	1,011
Brucellosis	7	3	5	104	116	139
Diphtheria	3	1	2	83	100	98
Encephalitis, primary:						
Arthropod-borne & unspecified	22	17	37	577	524	802
Encephalitis, post-infectious	5	7	16	190	317	520
Hepatitis, serum	100	98	582	2,970	2,402	23,441
Hepatitis, infectious	838	898		26,699	25,073	
Malaria	52	28	8	1,546	1,226	189
Measles (rubeola)	257	229	1,171	19,310	18,539	185,346
Meningococcal infections, total	34	49		2,168	1,816	
Civilian	33	46	---	1,968	1,643	---
Military	1	3	---	200	173	---
Mumps	780	945	---	64,575	120,289	---
Poliomyelitis, total	1	—	4	5	35	35
Paralytic	1	—	3	5	35	35
Rubella (German measles)	413	399	---	46,945	41,756	---
Streptococcal sore throat & scarlet fever	4,445	4,283	4,283	277,134	274,407	274,407
Tetanus	4	3	6	77	82	121
Tularemia	6	3	4	86	121	121
Typhoid fever	7	10	10	156	176	214
Typhus, tick-borne (Rky. Mt. spotted fever)	31	14	16	254	134	134
Rabies in animals	73	55	84	2,151	2,150	2,656

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: R.I.-1	3	Rabies in man:	1
Botulism: Wash.-1	11	Rubella congenital syndrome: Colo.-1	6
Leptospirosis: Okla.-1, Tex.-1	37	Trichinosis:	148
Plague: N. Mex.-1	3	Typhus, murine:	17
Psittacosis:	22		

INTERNATIONAL NOTES
DENGUE FOLLOW-UP - Puerto Rico

The outbreak of dengue in Puerto Rico is continuing (MMWR, Vol. 18, Nos. 27-29). The number of cases reported for the week ending July 26 (1,485) is approximately the same as the number reported last week (1,595) and 2 weeks ago (1,275), and brings the total reported to date to 9,381.

The second round of aerial spraying with ultralow volume Malathion* in two areas with high dengue occurrence was completed on July 28. The distribution of Malathion by aerial spraying was evaluated by measuring the numbers of insecticide droplets per sq. in. and the average size of droplets found on dye cards placed in unprotected sites and inside houses. The measurements indicated that dispersion of insecticide was within the range needed for mosquito suppression in unprotected sites and often adequate within houses.

Aerial spraying could be expected to reduce the adult population of *Aedes aegypti* mosquitoes for a limited

time and to markedly reduce the number of adult mosquitoes carrying dengue virus. The crude measurement of the numbers of ova, larvae, and adult *A. aegypti* mosquitoes 1 and 2 weeks after spraying showed some reduction in the number of houses with adult *A. aegypti* mosquitoes (Table 1). The more significant measurement, the change in the number of mosquitoes carrying dengue virus after the two rounds of aerial spraying, requires virus cultures of pools of mosquitoes. These viral studies are in progress.

(Reported by Dr. Ernesto Calon-Yardan, Secretary of Health for Preventive Medicine, Dr. Raphael Carrea-Caranas, Auxiliary Secretary of Health for Preventive Medicine, Dr. Luis Mainardi, Chief, Communicable Disease Central Program, and Dr. Angel Alberta Calan, Director, Institute of Laboratories of Health, Puerto Rico Department of Health; and a team from NCDC.)

Table 1
Premises Positive for *Aedes aegypti* Adult Mosquitoes

Location	Prespray Survey		Surveys After First Round of Spraying			
	No. Houses Inspected	Percent Positive	After 1 Week		After 2 Weeks	
			No. Houses Inspected	Percent Positive	No. Houses Inspected	Percent Positive
Barrio Cortes	14	93	7	71	8	50
Humacao	40	65	29	24	-	-
Juncos	21	52	10	40	4	75

*Trade names are provided for identification only, and inclusion does not imply endorsement by the Public Health Service or the United States Department of Health, Education, and Welfare.

PLAQUE - 1968¹

During 1968 the total number of plague cases for the world reported to the World Health Organization was 1,318 cases with 160 deaths (Table 2). Of the total cases, 973 with 90 deaths occurred in Asia with Vietnam contributing 780 cases and 37 deaths. The total for the world exclusive of the Vietnam cases continued to decline from the annual totals for recent years.

The recorded number of cases in the world reached its lowest point in 1959. Until that time India, Indonesia, and Burma were contributing the majority of plague cases to the world total, although the disease was steadily declining in all three countries. Since then, the total number of reported cases has increased due to the increasing number of cases in Vietnam. During 1963-66 South America was contributing most of the world's total until Asia reflecting the increase in Vietnam, again reported more cases.

The number of cases in 1968 appears to be at the level of 15 years ago, but the distribution by country has

changed. India, once the most affected country, reported no cases in 1968 for the first time in its recent history. In Indonesia, where the disease seemed to disappear in 1959, it reappeared in 1968 in the same district and in the same locality where it had last been reported. In Nepal, there were 13 cases and 12 deaths; thus plague in Asia not only increased in number of cases but also occurred in more territories than in recent years. No large outbreaks occurred in Africa or in the Americas; however, countries in these areas reported plague cases similar in number to previous years.

As for every year in the last decade, most of the cases in 1968 were bubonic although pulmonary plague did occur.

(Reported by the Foreign Quarantine Program, NCDC.)

Reference:

¹World Health Organization Weekly Epidemiological Record, 44(24):401-402.

Table 2
Human Cases and Deaths Due to Plague Reported to the World Health Organization

Country	C(asies) D(eaths)	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966 ¹	1967 ²	1968
Africa	C	891	207	106	53	107	113	110	51	69	21	124	49	540	55	17	16	145
	D	311	135	66	38	42	84	26	16	28	10	18	16	15	16	5	5	38
Mauritania	C	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	D	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	C	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
	D	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congo (formerly Belgian-Congo)	C	33	29	42	25	22	35	8	12	26	3	4	4	2	16	8	7	104
	D	29	20	22	22	20	30	6	12	25	3	4	1	—	4	3	—	21
Uganda	C	12	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	D	8	—	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kenya	C	58	9	9	3	8	11	81	24	36	3	3	2	1	—	—	1	—
	D	10	3	5	1	1	4	1	—	—	1	1	—	—	—	—	1	—
Tanzania (formerly Tanganyika)	C	573	12	—	—	5	5	—	—	—	—	2	—	513	1	—	—	6
	D	100	3	—	—	1	1	—	—	—	—	2	—	11	1	—	—	5
Zambia (formerly Northern Rhodesia)	C	—	—	8	—	29	—	—	—	—	—	—	—	—	—	—	—	—
Malawi (formerly Nyasaland)	C	—	—	—	—	20	—	—	—	—	—	—	30	—	—	—	—	—
Malagasy Republic (formerly Madagascar)	C	208	143	17	17	20	57	21	5	6	4	28	9	6	38	9	8	28
	D	158	105	12	13	11	48	16	3	3	2	5	5	3	11	2	4	12
S.W. Africa	C	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	80	4	17	NA	NA	—	—
	D	NA	NA	NA	NA	NA	NA	NA	NA	NA	4	6	1	—	NA	NA	—	—
Lesotho (formerly Basutoland)	C	3	—	8	—	—	—	—	—	—	—	—	—	—	—	—	NA	7
	D	3	—	3	2	—	—	—	—	—	—	—	—	—	—	—	NA	NA
South Africa	C	4	12	4	8	3	5	—	10	1	1	7	—	1	—	NA	NA	—
	D	3	2	8	—	—	4	—	—	NA	NA	NA	1	NA	NA	—	—	—
America	C	166	264	171	80	115	151	97	93	258	308	467	423	653	845	889	223	200
	D	—	—	77	85	21	22	15	16	5	11	13	12	9	1	1	13	32
USA	C	—	—	—	—	1	1	—	4	2	3	—	1	—	8	5	3	3
	D	—	—	—	—	1	—	—	1	—	2	—	1	—	1	1	1	1
Venezuela	C	—	1	—	—	3	—	—	—	—	6	1	—	—	—	—	—	—
	D	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	C	44	90	81	NA	80	76	22	40	77	105	326	258	194	369	171	19	24
	D	NA	NA	77	85	19	22	15	15	5	9	13	11	9	NA	NA	NA	1
Peru	C	NA	163	75	8	24	37	49	33	139	68	104	72	125	200	662	41	42
	D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	16
Bolivia	C	55	—	9	45	3	—	—	—	12	20	—	53	49	149	3	3	30
	D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14
Brazil	C	65	10	6	27	4	37	25	16	28	106	36	39	285	119	48	157	101
	D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Argentina	C	2	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
	D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	—
Asia	C	10,845	6,657	1,617	1,112	682	290	119	177	114	453	788	380	417	424	412	5,691	973
	D	5,622	2,006	982	344	413	277	247	256	123	148	225	71	67	44	41	253	90
Iran	C	50	—	—	—	—	—	12	—	—	—	26	—	—	—	—	—	—
	D	22	—	—	—	—	—	6	—	—	—	14	—	—	—	—	—	—
India	C	7,754	5,768	1,030	542	258	42	16	33	78	404	686	205	109	14	11	—	—
	D	3,894	1,451	705	178	195	166	206	192	108	131	200	24	15	—	8	—	—
Nepal	C	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13	13
	D	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
Burma	C	1,013	501	285	203	273	227	76	108	22	41	73	34	11	36	48	117	86
	D	639	293	154	98	178	102	33	34	14	12	16	16	3	4	7	7	3
Thailand	C	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	D	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	C	1,965	366	301	354	113	17	—	36	—	—	—	—	—	—	—	—	94
	D	1,049	260	128	61	28	7	—	30	—	—	—	—	—	—	—	—	38
Cambodia	C	14	—	1	12	2	1	—	—	—	—	—	—	—	—	—	—	—
	D	7	—	—	6	1	1	—	—	—	—	—	—	—	—	—	—	—
*Viet Nam, Rep. of	C	40	22	—	1	34	3	15	—	14	8	29	115	297	374	353	5,574	780
	D	7	2	—	1	9	1	2	—	1	5	9	17	49	40	26	246	37
Philippines	C	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
	D	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	C	11,902	7,128	1,894	1,245	904	554	326	321	441	782	1,379	852	1,610	1,324	1,318	5,930	1,318
	D	5,933	2,141	1,125	467	476	383	288	288	156	169	256	99	91	61	47	271	160

a. From *Epidemiological and Vital Statistics Report*, Vol. 20, No. 5, 1967.

b. Confirmed cases only.

c. Suspect cases.

*Includes Suspect Cases and Deaths for 1967.

NA - Data not available.

References:

1National Communicable Disease Center: *International Epidemiologic Report: Status of Report on Plague Brucellosis*, January 1968.2World Health Organization *World Health Statistics Report*: 22(4).

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JULY 26, 1969 AND JULY 27, 1968 (30th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post- Infectious	Serum	Infectious			
	1969	1969	1969	1969	1968	1969	1969	1968	1969	Cum. 1969	
UNITED STATES...	86	7	3	22	17	5	100	838	898	52	1,546
NEW ENGLAND.....	-	-	-	1	1	-	9	60	39	-	49
Maine.†.....	-	-	-	-	1	-	-	2	2	-	4
New Hampshire.....	-	-	-	-	-	-	-	1	1	-	2
Vermont.....	-	-	-	-	-	-	-	3	-	-	-
Massachusetts.....	-	-	-	1	-	-	6	34	25	-	35
Rhode Island.....	-	-	-	-	-	-	-	12	3	-	3
Connecticut.....	-	-	-	-	-	-	3	8	8	-	5
MIDDLE ATLANTIC.....	3	1	-	2	3	2	36	140	118	6	173
New York City.....	1	-	-	1	-	-	31	69	45	3	16
New York, up-State.....	-	-	-	-	-	2	-	19	17	1	28
New Jersey.‡.....	-	1	-	-	1	-	3	24	20	1	66
Pennsylvania.....	2	-	-	1	2	-	2	28	36	1	63
EAST NORTH CENTRAL...	7	-	-	6	3	-	16	121	108	4	155
Ohio.‡.....	1	-	-	1	1	-	2	17	26	-	14
Indiana.....	-	-	-	-	-	-	-	12	7	3	13
Illinois.....	3	-	-	1	2	-	2	53	22	1	91
Michigan.....	3	-	-	4	-	-	12	33	37	-	36
Wisconsin.....	-	-	-	-	-	-	-	6	16	-	1
WEST NORTH CENTRAL...	6	5	-	3	-	-	1	54	70	10	107
Minnesota.....	5	-	-	-	-	-	1	6	9	-	7
Iowa.....	-	3	-	-	-	-	-	9	7	2	9
Missouri.....	1	2	-	-	-	-	-	28	36	2	28
North Dakota.....	-	-	-	2	-	-	-	1	-	1	3
South Dakota.....	-	-	-	-	-	-	-	-	7	-	-
Nebraska.....	-	-	-	-	-	-	-	2	1	-	3
Kansas.....	-	-	-	1	-	-	-	8	10	5	57
SOUTH ATLANTIC.....	32	-	1	3	-	-	7	106	125	7	455
Delaware.....	-	-	-	-	-	-	-	1	9	-	2
Maryland.‡.....	14	-	-	-	-	-	2	15	16	-	19
Dist. of Columbia.....	-	-	-	-	-	-	-	6	3	-	1
Virginia.....	1	-	-	-	-	-	-	5	7	-	18
West Virginia.....	2	-	-	-	-	-	-	3	11	-	-
North Carolina.....	-	-	-	-	-	-	-	14	2	7	212
South Carolina.....	-	-	-	1	-	-	-	6	1	-	41
Georgia.....	-	-	1	-	-	-	-	7	48	-	139
Florida.....	15	-	-	2	-	-	5	49	28	-	23
EAST SOUTH CENTRAL...	-	-	-	1	-	-	1	33	67	-	63
Kentucky.....	-	-	-	-	-	-	-	11	27	-	53
Tennessee.....	-	-	-	1	-	-	-	16	25	-	-
Alabama.....	-	-	-	-	-	-	1	6	3	-	8
Mississippi.....	-	-	-	-	-	-	-	-	12	-	2
WEST SOUTH CENTRAL...	18	1	2	-	3	1	3	86	63	8	65
Arkansas.....	-	1	-	-	-	-	-	5	1	2	8
Louisiana.....	3	-	-	-	2	1	2	23	16	1	31
Oklahoma.....	4	-	-	-	1	-	-	11	3	-	21
Texas.....	11	-	2	-	-	-	1	47	43	5	5
MOUNTAIN.....	2	-	-	1	-	-	1	27	54	-	112
Montana.....	1	-	-	1	-	-	-	-	6	-	2
Idaho.....	1	-	-	-	-	-	-	1	4	-	3
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	-	-	31	-	-	95
New Mexico.....	-	-	-	-	-	-	-	10	2	-	6
Arizona.....	-	-	-	-	-	-	-	9	6	-	1
Utah.....	-	-	-	-	-	-	1	2	5	-	1
Nevada.....	-	-	-	-	-	-	-	5	-	-	4
PACIFIC.....	18	-	-	5	7	2	26	211	254	17	367
Washington.....	6	-	-	-	-	-	-	38	25	-	5
Oregon.....	1	-	-	-	-	-	-	16	25	-	7
California.....	11	-	-	5	7	2	26	153	203	16	284
Alaska.....	-	-	-	-	-	-	-	2	1	-	2
Hawaii.†.....	-	-	-	-	-	-	-	2	-	1	69
Puerto Rico.....	-	-	-	-	-	-	-	10	26	-	1

*Delayed reports: Diphtheria: Ohio delete 1

Encephalitis, post-infectious: Md. 1

Hepatitis, Infectious: Me. 2, N.J. delete 3, Hawaii 2

Malaria: Me. 1, N.J. 9

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JULY 26, 1969 AND JULY 27, 1968 (30th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA		
		Cumulative			Cumulative			1969	Paralytic				
		1969	1969		1969	1968		1969	1969	Cum. 1969			
UNITED STATES...	257	19,310	18,539	34	2,168	1,816	780	1	1	5	413		
NEW ENGLAND.....	16	1,037	1,111	1	71	91	88	-	-	1	25		
Maine\$.....	-	5	35	-	6	6	6	-	-	-	4		
New Hampshire.....	-	237	141	-	2	7	-	-	-	-	-		
Vermont.....	-	3	2	-	-	1	7	-	-	-	-		
Massachusetts*.....	10	193	345	-	31	41	19	-	-	-	7		
Rhode Island.....	-	22	5	-	6	7	19	-	-	-	5		
Connecticut.....	6	577	583	1	26	29	37	-	-	1	9		
MIDDLE ATLANTIC.....	59	7,225	3,655	4	343	326	92	-	-	-	13		
New York City.....	45	4,781	1,790	1	70	67	84	-	-	-	10		
New York, Up-State.....	3	576	1,178	-	56	55	NN	-	-	-	3		
New Jersey*.....	4	849	578	1	142	118	8	-	-	-	-		
Pennsylvania.....	7	1,019	109	2	75	86	NN	-	-	-	-		
EAST NORTH CENTRAL...	33	1,983	3,606	1	298	217	165	-	-	-	59		
Ohio.....	6	354	287	-	114	59	15	-	-	-	3		
Indiana.....	2	455	630	-	34	26	22	-	-	-	9		
Illinois.....	11	429	1,333	-	41	50	19	-	-	-	3		
Michigan.....	5	219	245	1	91	63	19	-	-	-	20		
Wisconsin.....	9	526	1,111	-	18	19	90	-	-	-	24		
WEST NORTH CENTRAL...	10	504	369	3	115	94	38	1	1	1	15		
Minnesota.....	-	5	15	-	25	21	-	-	-	-	-		
Iowa.....	-	324	96	-	15	6	7	-	-	-	6		
Missouri.....	6	22	81	3	51	31	11	-	-	-	5		
North Dakota.....	-	10	125	-	-	3	5	-	-	-	2		
South Dakota.....	-	3	4	-	1	4	NN	-	-	-	-		
Nebraska.....	1	133	38	-	9	6	15	-	-	-	-		
Kansas.....	3	7	10	-	14	23	-	1	1	1	2		
SOUTH ATLANTIC.....	27	2,409	1,421	4	384	374	102	-	-	1	81		
Delaware.....	-	373	15	2	7	7	5	-	-	-	1		
Maryland.....	2	65	88	-	35	27	8	-	-	-	4		
Dist. of Columbia.....	-	-	6	-	9	14	7	-	-	-	-		
Virginia.....	5	872	293	1	49	29	10	-	-	-	10		
West Virginia.....	8	174	264	-	18	9	34	-	-	-	36		
North Carolina.....	3	306	281	-	66	73	NN	-	-	-	-		
South Carolina.....	-	110	12	-	54	56	11	-	-	-	4		
Georgia.....	-	1	4	-	64	73	-	-	-	-	-		
Florida.....	9	508	458	1	82	86	27	-	-	1	26		
EAST SOUTH CENTRAL...	2	104	469	1	137	158	45	-	-	-	24		
Kentucky.....	-	60	99	-	49	64	11	-	-	-	2		
Tennessee.....	-	17	56	1	52	51	29	-	-	-	22		
Alabama.....	1	4	85	-	21	23	1	-	-	-	-		
Mississippi.....	1	23	229	-	15	20	4	-	-	-	-		
WEST SOUTH CENTRAL...	60	4,290	4,583	9	294	293	80	-	-	2	44		
Arkansas.....	-	16	2	1	29	20	-	-	-	-	-		
Louisiana.....	-	120	8	4	78	81	-	-	-	-	1		
Oklahoma.....	-	136	111	-	29	49	5	-	-	-	-		
Texas.....	60	4,018	4,462	4	158	143	75	-	-	2	43		
MOUNTAIN.....	34	784	947	2	39	27	90	-	-	-	49		
Montana.....	-	16	57	1	6	3	1	-	-	-	3		
Idaho.....	-	88	20	-	6	11	4	-	-	-	1		
Wyoming.....	-	-	51	-	-	-	-	-	-	-	-		
Colorado.....	21	136	486	1	7	8	18	-	-	-	16		
New Mexico.....	6	232	88	-	6	-	15	-	-	-	2		
Arizona.....	7	304	219	-	10	1	52	-	-	-	27		
Utah.....	-	7	21	-	2	1	-	-	-	-	-		
Nevada.....	-	1	5	-	2	3	-	-	-	-	-		
PACIFIC.....	16	974	2,378	9	487	236	80	-	-	-	103		
Washington.....	1	58	514	1	51	37	12	-	-	-	1		
Oregon.....	1	196	471	-	11	18	4	-	-	-	13		
California.....	12	683	1,356	8	404	168	57	-	-	-	27		
Alaska.....	-	8	2	-	11	2	3	-	-	-	9		
Hawaii*.....	2	29	35	-	10	11	4	-	-	-	53		
Puerto Rico.....	61	1,285	356	-	15	19	18	-	-	-	8		

*Delayed reports: Measles: Mass. delete 3
Meningococcal infections: N.J. delete 1
Mumps: Me. 9, Hawaii 3
Rubella: Hawaii 3

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JULY 26, 1969 AND JULY 27, 1968 (30th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	
UNITED STATES...	4,445	4	77	6	86	7	156	31	254	73	2,151	
NEW ENGLAND.....	591	—	—	—	14	—	5	—	—	1	13	
Maine*.....	10	—	—	—	—	—	1	—	—	—	5	
New Hampshire.....	13	—	—	—	—	—	—	—	—	1	2	
Vermont.....	—	—	—	—	14	—	—	—	—	—	2	
Massachusetts.....	119	—	—	—	—	—	3	—	—	—	1	
Rhode Island.....	45	—	—	—	—	—	1	—	—	—	—	
Connecticut.....	404	—	—	—	—	—	—	—	—	—	3	
MIDDLE ATLANTIC.....	176	1	12	1	4	1	16	—	26	12	94	
New York City.....	19	—	5	—	1	1	7	—	—	—	—	
New York, Up-State.....	134	1	3	1	3	—	5	—	5	12	89	
New Jersey.....	NN	—	2	—	—	—	—	—	6	—	—	
Pennsylvania.....	23	—	2	—	—	—	4	—	15	—	5	
EAST NORTH CENTRAL.....	276	—	11	—	7	—	14	—	—	8	145	
Ohio.....	30	—	1	—	—	—	7	—	—	6	44	
Indiana.....	121	—	—	—	1	—	—	—	—	—	40	
Illinois.....	34	—	7	—	2	—	3	—	—	—	25	
Michigan.....	33	—	3	—	—	—	4	—	—	—	4	
Wisconsin.....	58	—	—	—	4	—	—	—	—	2	32	
WEST NORTH CENTRAL.....	159	—	5	2	10	2	6	1	3	11	408	
Minnesota.....	3	—	1	—	—	1	2	—	—	6	102	
Iowa.....	38	—	—	—	—	—	—	1	2	2	59	
Missouri.....	16	—	1	2	7	—	2	—	—	1	107	
North Dakota.....	54	—	—	—	—	—	—	—	—	1	52	
South Dakota*.....	8	—	—	—	—	—	—	—	1	—	24	
Nebraska.....	36	—	—	—	—	—	1	—	—	—	10	
Kansas.....	4	—	3	—	3	1	1	—	—	1	54	
SOUTH ATLANTIC.....	419	—	14	—	20	1	28	23	144	11	561	
Delaware.....	—	—	—	—	—	—	1	1	3	—	—	
Maryland.....	66	—	—	—	—	—	4	4	34	—	—	
Dist. of Columbia.....	11	—	2	—	—	—	1	—	—	—	—	
Virginia.....	86	—	—	—	4	—	—	8	46	4	291	
West Virginia.....	87	—	1	—	2	—	1	—	5	1	86	
North Carolina.....	NN	—	2	—	5	1	6	7	39	—	4	
South Carolina.....	22	—	1	—	2	—	1	3	10	—	—	
Georgia.....	1	—	—	—	3	—	7	—	7	3	52	
Florida.....	146	—	8	—	4	—	7	—	—	3	128	
EAST SOUTH CENTRAL.....	1,208	3	13	—	9	—	16	—	33	7	325	
Kentucky.....	41	3	6	—	—	—	2	—	5	5	171	
Tennessee.....	859	—	4	—	8	—	12	—	27	1	113	
Alabama.....	183	—	2	—	—	—	—	—	1	1	38	
Mississippi.....	125	—	1	—	1	—	2	—	—	—	3	
WEST SOUTH CENTRAL.....	510	—	14	3	14	1	21	3	31	6	286	
Arkansas.....	4	—	—	—	1	—	10	2	6	—	21	
Louisiana.....	—	—	6	1	3	1	2	—	—	—	19	
Oklahoma*.....	47	—	1	1	6	—	—	1	21	3	45	
Texas.....	459	—	7	1	4	—	9	—	4	3	201	
MOUNTAIN.....	924	—	2	—	8	—	20	4	12	2	95	
Montana.....	45	—	—	—	—	—	—	—	—	—	—	
Idaho.....	142	—	—	—	—	—	3	2	3	—	—	
Wyoming.....	2	—	—	—	2	—	5	—	—	—	48	
Colorado.....	498	—	1	—	—	—	2	—	7	—	3	
New Mexico.....	147	—	—	—	1	—	5	—	—	—	9	
Arizona.....	49	—	1	—	—	—	4	—	—	—	22	
Utah.....	41	—	—	—	5	—	—	2	2	—	3	
Nevada.....	—	—	—	—	—	—	1	—	—	2	10	
PACIFIC.....	182	—	6	—	—	2	30	—	5	15	224	
Washington.....	44	—	1	—	—	—	1	—	3	1	2	
Oregon.....	69	—	—	—	—	—	6	—	—	—	2	
California.....	—	—	5	—	—	2	23	—	2	14	220	
Alaska.....	21	—	—	—	—	—	—	—	—	—	—	
Hawaii*.....	48	—	—	—	—	—	—	—	—	—	—	
Puerto Rico.....	1	—	4	—	—	—	3	—	—	—	18	

*Delayed reports: SST: Me. 3, Hawaii 19

RMSF: Okla. 2

Rabies in animals: S. Dak. 11

Week No.
30

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JULY 26, 1969

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:					SOUTH ATLANTIC:	1,186	593	39	66
Boston, Mass.	707	429	52	24	Atlanta, Ga.	141	65	3	8
Bridgeport, Conn.	245	134	11	6	Baltimore, Md.	244	127	4	12
Cambridge, Mass.	48	29	8	4	Charlotte, N. C.	44	16	-	3
Fall River, Mass.	24	12	5	1	Jacksonville, Fla.	76	40	3	1
Hartford, Conn.	31	20	1	1	Miami, Fla.	102	52	-	7
Lowell, Mass.	54	26	2	4	Norfolk, Va.	48	31	6	4
Lynn, Mass.	26	15	1	1	Richmond, Va.	72	35	7	4
New Bedford, Mass.	21	19	5	-	Savannah, Ga.	45	18	2	1
New Haven, Conn.	27	15	-	2	St. Petersburg, Fla.	79	62	4	3
Providence, R. I.	40	24	-	2	Tampa, Fla.	71	34	4	2
Somerville, Mass.	50	37	7	1	Washington, D. C.	210	87	5	19
Springfield, Mass.	13	11	2	-	Wilmington, Del.	54	26	1	2
Waterbury, Conn.	53	37	9	-					
Worcester, Mass.	26	17	-	1					
	49	33	1	1					
MIDDLE ATLANTIC:	3,048	1,771	120	145	EAST SOUTH CENTRAL:	675	353	23	34
Albany, N. Y.	38	28	2	1	Birmingham, Ala.	105	53	1	6
Allentown, Pa.	31	24	6	1	Chattanooga, Tenn.	51	22	4	5
Buffalo, N. Y.	126	65	2	7	Knoxville, Tenn.	24	17	-	1
Camden, N. J.	37	17	1	4	Louisville, Ky.	143	69	5	5
Elizabeth, N. J.	47	25	3	-	Memphis, Tenn.	181	99	7	4
Erie, Pa.	31	21	2	1	Mobile, Ala.	32	17	1	2
Jersey City, N. J.	81	41	3	5	Montgomery, Ala.	38	21	4	5
Newark, N. J.	90	49	4	7	Nashville, Tenn.	101	55	1	6
New York City, N. Y.	1,511	882	53	75	WEST SOUTH CENTRAL:	1,154	600	36	68
Paterson, N. J.	35	20	2	3	Austin, Tex.	28	19	2	1
Philadelphia, Pa.	401	207	2	30	Baton Rouge, La.	41	20	6	4
Pittsburgh, Pa.	189	113	8	5	Corpus Christi, Tex.	20	10	-	1
Reading, Pa.	50	35	1	1	Dallas, Tex.	138	75	2	11
Rochester, N. Y.	111	79	19	-	El Paso, Tex.	36	21	3	5
Schenectady, N. Y.	26	16	1	1	Fort Worth, Tex.	76	41	1	6
Scranton, Pa.	36	21	-	-	Houston, Tex.	250	110	3	8
Syracuse, N. Y.	95	57	3	4	Little Rock, Ark.	49	25	4	2
Trenton, N. J.	45	25	2	-	New Orleans, La.	137	69	2	3
Utica, N. Y.	24	21	4	-	Oklahoma City, Okla.	95	52	-	11
Yonkers, N. Y.	44	25	2	-	San Antonio, Tex.	120	56	2	9
					Shreveport, La.	73	44	8	3
					Tulsa, Okla.	91	58	3	4
EAST NORTH CENTRAL:	2,620	1,506	76	135	MOUNTAIN:	437	237	20	25
Akron, Ohio	57	36	-	-	Albuquerque, N. Mex.	48	14	2	7
Canton, Ohio	42	21	1	3	Colorado Springs, Colo.	37	22	9	2
Chicago, Ill.	698	396	21	28	Denver, Colo.	91	52	3	1
Cincinnati, Ohio	161	98	2	9	Ogden, Utah	31	18	2	4
Cleveland, Ohio	234	131	5	17	Phoenix, Ariz.	94	56	-	3
Columbus, Ohio	129	74	6	8	Pueblo, Colo.	23	17	-	1
Dayton, Ohio	83	43	5	6	Salt Lake City, Utah	66	35	1	6
Detroit, Mich.	379	225	8	17	Tucson, Ariz.	47	23	3	1
Evansville, Ind.	52	38	1	-					
Flint, Mich.	44	20	3	5					
Fort Wayne, Ind.	45	27	1	3	PACIFIC:	1,520	932	31	56
Gary, Ind.	39	23	7	4	Berkeley, Calif.	19	13	-	-
Grand Rapids, Mich.	50	23	3	2	Fresno, Calif.	56	38	2	7
Indianapolis, Ind.	146	87	4	13	Glendale, Calif.	30	16	-	3
Madison, Wis.	25	12	1	3	Honolulu, Hawaii	32	17	-	1
Milwaukee, Wis.	147	81	2	5	Long Beach, Calif.	83	53	-	3
Peoria, Ill.	41	30	-	1	Los Angeles, Calif.	418	263	10	12
Rockford, Ill.	31	14	1	3	Oakland, Calif.	89	54	2	5
South Bend, Ind.	46	27	2	2	Pasadena, Calif.	26	22	-	-
Toledo, Ohio	115	61	2	5	Portland, Oreg.	141	80	3	7
Youngstown, Ohio	56	39	1	1	Sacramento, Calif.	61	39	1	3
					San Diego, Calif.	99	59	2	-
WEST NORTH CENTRAL:	865	531	29	42	San Francisco, Calif.	194	114	2	2
Des Moines, Iowa	61	40	1	2	San Jose, Calif.	40	26	6	1
Duluth, Minn.	14	11	-	-	Seattle, Wash.	144	81	3	10
Kansas City, Kans.	63	36	5	6	Spokane, Wash.	46	26	-	1
Kansas City, Mo.	142	94	3	3	Tacoma, Wash.	42	31	-	1
Lincoln, Nebr.	20	16	-	-					
Minneapolis, Minn.	93	51	4	5					
Omaha, Nebr.	103	67	4	7					
St. Louis, Mo.	243	144	6	11					
St. Paul, Minn.	65	37	-	5					
Wichita, Kans.	61	35	6	3					

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	399,374
All Causes, Age 65 and over	229,913
Pneumonia and Influenza, All Ages	19,907
All Causes, Under 1 Year of Age	18,326

RECORDED TO AIR MAIL

INTERNATIONAL NOTES QUARANTINE MEASURES

*Additional Immunization Information for
International Travel - 1967-68 edition
Public Health Service Publication No. 384*

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City and State	Kansas City, Missouri
Center	Personal Health Services
	Kansas City Health Department
	2317 Kenwood
	Telephone 274-1591
Clinic Hours	Wednesday 2:00-4:00
Fee	Yes
City and State	Houston, Texas
Center	Byron W. Grandjean, M.D.
	9100 Westheimer, Suite No. 6
	Telephone 782-2156
Clinic Hours	Daily 2:00
Fee	Yes
City and State	San Antonio, Texas
Center	Southwest Medical Clinic
	401 Oak Hills Medical Building
	Telephone 696-4330
Clinic Hours	Friday 11:00
Fee	Yes

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 18,500 IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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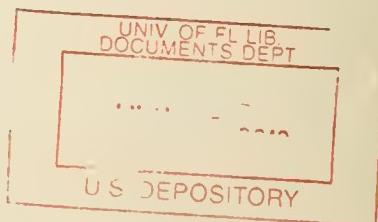
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NATIONAL COMMUNICABLE DISEASE CENTER
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
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